



PTO/SB/08A (07-05)

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Substitute for form 1449/PTO					<b>Complete if Known</b>	
					Application Number	09/488,942
					Filing Date	1/21/2000
					First Named Inventor	Sherer
					Art Unit	2448
					Examiner Name	Strange, Aaron N.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>					Attorney Docket Number	P190 1010.5
Sheet	1	of	7			

**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A	4,250,546	02/10/1981	Boney et al.	
	B	3,789,365	01/29/1974	Jen et al.	
	C	5,319,752	06/07/1994	Petersen et al.	
	D	4,947,366	08/07/1990	Johnson	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	E	EP 0 290 129 A3	11/09/1988	Europe	H04Q	11/04	
	F	EP 0 378 422 A2	01/11/1990	Europe	G06F	13/28	
	G	JP 61-264465	11/22/1986	Japan (Abstract Only)	G06F	13/38	
	H	JP-62-082422	04/15/1987	Japan	G06F	3/06	
	I	JP-61-058037	03/25/1986	Japan (Abstract Only)	G06F	9/00	
	J	JP-04-155534	05/28/1992	Japan (Abstract Only)	G06F	9/46	
	K	JP-52-055343	05/06/1977	Japan (Abstract Only)	G06F	3/00	
	L	JP-60-110060	06/15/1985	Japan (Abstract Only)	G06F	13/00	

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(Use as many sheets as necessary)		Filing Date	1/21/2000
		First Named Inventor	Sherer
		Art Unit	2448
		Examiner Name	Strange, Aaron N.
Sheet	2	of	7
		Attorney Docket Number	P190 1010.5

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	M	JP-59-167754	09/21/1984	Japan (Abstract Only)	G06F	9/46		
	N	JP-01-214939	08/29/1989	Japan (Abstract Only)	G06F	9/46		
	O	JP-04-145560	05/19/1992	Japan	G06F	13/00		
	P	EP 0 288 636	11/02/1988	Europe	G06F	15/16		
	Q	WO 92/21081	11/26/1992	PCT	G06F	1/08		
	R	JP-3-58543	03/13/1991	Japan	HO4L	12/56	X	
	S	63-81553	08/12/1988	Japan	G06F	13/00	X	

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				Art Unit	2448
				Examiner Name	Strange, Aaron N.
Sheet	3	of	7	Attorney Docket	P190 1010.5
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	T	The Implementation of Ethernet/IEEE 802.3 In VLSI; Coleman et al.; 8079A Mini-Micro Conference Record (1983) Nov. 8-11, San Francisco, CA, USA; pgs. 1-18			
	U	Universal Network Device Interface Protocol (UNDIP) Hemant Kanakia Computer Systems Laboratory Stanford University; David Cheriton Computer Science Department Stanford University; CH2613-8/88/0000/0301/\$01.00©1888 IEEE; pgs. 301-309			
	V	IBM Technical Disclosure Bulletin Vol. 25, No. 9, February 1983; Early Interrupt for Disk Controller; W.J. Brooks, W.B. Ott, D.C. Pavek and G.E. Webb; 1 page			
	W	The VMP Network Adapter Board (NAB); High Performance Network Communication for Multiprocessors; Hemant Kanakia Computer Systems Laboratory Stanford University; David Cheriton Computer Science Department Stanford University; 1988 ACM 0-89791-279-9 88/008/0175 \$1.50; pages 175-187			
	X	Partial European Search Report dated 31 October 1994 ; European Patent Application No. 93110478.0			
	Y	Interfacing to Ethernet Using VLSI Protocol Chips; R.W. Dobinson, K.G. Konigsfeld & N.D. Szpak; Interfaces in Computing 3 (1985) 173-187; pgs. 173-185			
	Z	European Search Report dated 01 June 1995 ; European Patent Application No. 93110478.0			
	AA	Office Action dated 24 March 1998; European Patent Application No. 93110478.0			
	AB	Office Action dated 08 October 1996; Japanese Patent Application No. 157562/1993			
Examiner Signature				Date Considered	

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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	09/488,942
				371 (c) Date	1/21/2000
				First Named Inventor	Sherer
				Art Unit	2448
				Examiner Name	Strange, Aaron N.
Sheet	4	of	7	Attorney Docket	P190 1010.5
	AC	Translation of Pending Claims from Japanese Patent Application No. 157562/1993			
	AD	Letter to Fukami Patent Office dated 06 January 1997; related to Japanese Patent Application No. 157562/1993			
	AE	Final Office Action dated 26 June 1997; Japanese Patent Application No. 157562/1993			
	AF	Translation of Office Action dated 01 September 2008; Japanese Patent Application No. 2005-282538			
	AG	IBM Technical Disclosure Bulletin, February 1983; Vol. 25, NR: 9; PG: 4703; Early Interrupt for Disk Controller; 2 pages			
	AH	Translation of Office Action dated 15 March 2004; Japanese Patent Application No. 6-504767			
	AI	Supplementary European Search Report dated 10 May 1994 ; European Patent Application No. 93918424.8			
	AJ	Office Action dated 12 February 1996; European Patent Application No. 93918424.8			
	AK	Response to 12 February 1996 Office Action dated 25 September 1997; European Patent Application No. 93918424.8			
	AL	PCT International Search Report dated 07 December 1993; PCT Application No. PCT/US93/07060			
	AM	Office Action dated 16 May 2000; Canadian Patent Application No. 2,119,151			
	AN	Response to 16 May 2000 Office Action dated 18 September 2000; Canadian Patent Application No. 2,119,151			
Examiner Signature				Date Considered	

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	AO	Translation of Office Action dated 25 December 2001; Japanese Patent Application No. 6-518024			
	AP	Translation of Office Action dated 31 July 2001; Japanese Patent Application No. 6-518024			
	AQ	Supplementary European Search Report dated 17 May 1995 ; European Patent Application No. 93921684.2			
	AR	Response to 27 January 2000 Office Action dated 29 May 2000; Canadian Patent Application No. 2,143,951			
	AS	Office Action dated 11 August 1994; Australian Patent Application No. 47881/93			
	AT	Response to 11 August 1994 Office Action dated 10 August 1995; Australian Patent Application No. 47881/93			
	AU	Office Action dated 04 September 1995; Australian Patent Application No. 47881/93			
	AV	Response to 04 September 1995 Office Action dated 11 December 1995; Australian Patent Application No. 47881/93			
	AW	PCT Written Opinion dated 20 April 1995; PCT Application No. PCT/US93/12652			
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	AX	Response to PCT Written Opinion dated 20 April 1995; filed 03 May 1995; PCT Application No. PCT/US93/12652			
	AY	Office Action dated 23 November 1995; Australian Patent Application No. 59873/94			
	AZ	Response to 23 November 1995 Office Action dated 27 November 1996; Australian Patent Application No. 59873/94			
	BA	Translation of Office Action dated 01 October 2001; Japanese Patent Application No. 6-504758			
	BB	Applicant's Comments Regarding Office Action dated 01 October 2001; Japanese Patent Application No. 6-504758			
	BC	Office Action dated 11 December 1996; European Patent Application No. 93918428.9			
	BD	Response to Office Action dated 11 December 1996; filed 24 June 1997; European Patent Application No. 93918428.9			
	BE	Office Action dated 05 March 1999; European Patent Application No. 93918428.9			
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	BF	Response to Office Action dated 05 March 1999; filed 24 January 2000; European Patent Application No. 93918428.9			
	BG	Entry into the regional phase before the EPO as designated or elected Office derived from PCT/US93/07027; European Patent Application No. 93918401.6			
	BH	Pending Claims from European Patent Application No. 93918401.6			
	BI	Office Action dated 23 March 1998; European Patent Application No. 93918401.6			
	BJ	Response to 23 March 1998 Office Action; filed 08 April 1998; European Patent Application No. 93918401.6			
	BK	Office Action dated 30 May 1997; European Patent Application No. 93918401.6			
	BL	Response to 30 May 1997 Office Action; filed 15 January 1998; European Patent Application No. 93918401.6			
	BM	Supplementary European Search Report dated 13 May 1994; European Patent Application No. 93918401.6			
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